

INDEX TO VOLUME 59

Classified entries: major subjects, key words, and results; botanical names (new names are in **boldface**); geographical areas; reviews, commentaries. Incidental references to taxa (including most lists and tables) are not indexed separately. Species appearing in Noteworthy Collections are indexed under name, family, and state or country. Authors and titles are listed alphabetically by author in the Table of Contents to the volume.

- Alpine plants (see Yellowstone Nat. Park)
Annual plants, effects of recurrent fire, 14.
- Boraginaceae (see *Eriodictyon* and *Phacelia*)
Botanical code changes, implications for western No. Am. botany, 169.
Bryaceae (see *Ptychostomum*)
- California: *Carex albida* and *C. lemmonii*, relationship, 171; effects of recurrent fire on annual plants of Colorado Desert, 14; *Eriogonum evanidum*, rediscovery, 150; flora of Carquinez Strait, 47; Grassland vegetation, response to removal of sheep on Santa Cruz Id., 190; *Vaccinium parvifolium*, genetic structure, 196; *Viola pedunculata*, genetic structure and outcrossing rates, 181.
New taxa: **Calystegia binghamiae**, 25; **Eriodictyon traskiae** var. **smithii** and **E. t.** var. **traskiae**, 28; **Ptychostomum pacificum**, 156; **Rhododendron occidentale** var. **californicum**, 140.
Noteworthy collection: *Carex nardina*, 231; *Chimaphila menziesii*, 230; *Najas minor*, 232; *Trifolium trichocalyx*, 167.
Calystegia: *C. sepium* subsp. *binghamiae*, rediscovery and status, 25.
New taxon: **C. binghamiae**, 25.
Carex albida and *C. lemmonii*, relationship, 171; *C. nardina*, noteworthy collection from CA, 231.
Carquinez Strait, CA, flora, 47.
Ceanothus cuneatus var. *cuneatus* and *C. roderickii* on gabbro soils, 1.
Chapparal, postfire regeneration, 109.
Chasmogamy (see *Viola*)
Chimaphila menziesii, noteworthy collection from CA, 230.
Chromosome counts (see *Mimulus*)
Cleistogamy (see *Viola*)
Convolvulaceae (see *Calystegia*)
Crassulaceae (see *Dudleya*)
Cyperaceae (see *Carex*)
- Dudleya crassifolia**, new sp. from No. Baja Calif., MEXICO, 223.
- Editors' Report for Vol. 59, 235.
- Ericaceae: *Rhododendron*: *R. occidentale*, morphological and isoenzyme variation, 128; *Vaccinium parvifolium*, genetic structure, 196.
Noteworthy collection of *Chimaphila menziesii* from CA, 230.
- Eriodictyon traskiae** var. **smithii** and **E. t.** var. **traskiae**, new taxa, 28.
- Eriogonum evanidum*, rediscovery, 150.
- Fabaceae (see *Trifolium*)
Feral sheep (see Grassland vegetation)
- Fire: Postfire chaparral regeneration under mediterranean and non-mediterranean climates, 109; recurrent fire, effects on annual plants of Colorado Desert, CA, 14.
- Floras: Carquinez Strait region, Contra Costa and Solano cos., CA, 47; alpine Mt. Washburn, Yellowstone Nat. Park, WY, 2.
- Gabbro soils, 1.
- Grassland vegetation, response to removal of sheep on Santa Cruz Id., CA, 190.
- Hydrocharitaceae (see *Najas*)
Hydrophyllaceae (see *Eriodictyon* and *Phacelia*)
- Keys: CA members of *Carex* sect. *Aulocystis*, 177; *Dudleya* subg. *Hasseanthus*, 228; *Phacelia* subdivisions, 218; *Rhododendron occidentale* varieties, 140.
- Linanthus pungens** subsp. **hazeliae**, new comb. from ID and OR, 163.
- Meadows, montane: Spatial autocorrelation of vegetation in Sierra Nevada, CA and western NV, 143.
- MEXICO (see *Dudleya*)
Mimulus: **M. sookensis**, new allotetraploid sp. derived from *M. guttatus* and *M. nasutus*, 29.
Noteworthy collection: *M. clivicola* from MT, 166.
Najas minor, noteworthy collections from CA and TX, 232.
- Phacelia*: Nomenclatural subdivisions including new combinations and statuses, 211.
- Phrymaceae (see *Mimulus*)
Polemoniaceae, (see *Linanthus*)
Polygonaceae (see *Eriogonum*)
Polyploidy (see *Mimulus*)
President's Report for Vol. 59, 234.
Ptychostomum pacificum, new fen sp., 156.
- Reviews: *Northwest California: A Natural History* by John O. Sawyer, 44; *Research & Discovery in Vernal Pool Landscapes* by D.G. Alexander and R. A. Schling, 164.
- Rhamnaceae (see *Ceanothus*)
Rhododendron: *R. occidentale*, morphological and isoenzyme variation, 128.
New taxon: **R. occidentale** var. **californicum**, 140.
- Santa Cruz Id, CA (see Grassland vegetation)
Sierra Nevada, CA and western NV (see Meadows, montane)
Spatial autocorrelation (see Meadows, montane)

Texas (see *Najas*)

Trifolium trichocalyx, noteworthy collection from CA,
167.

Vaccinium parvifolium, genetic structure, 196.

Viola pedunculata, genetic structure and outcrossing rates,
181.

Violaceae (see *Viola*)

Wilken, Dieter H., dedication of Vol. 59 to, 239

Wyoming (see Yellowstone Nat. Park)

Yellowstone Nat. Park, Mt. Washburn vascular alpine
flora, 2.